

(09/973,270)

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Docket No. PD-89418A

REMARKS

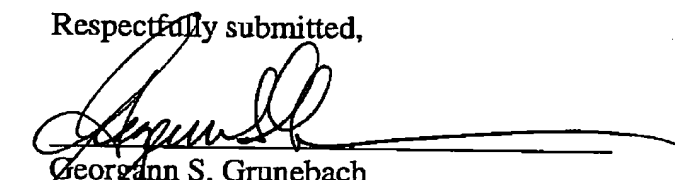
Applicants wish to thank the Examiner for considering the present application. In the Office Action dated June 28, 2005, Claims 1-19 are pending in the application. The allowability of claims 5 and 19 if rewritten in independent form is acknowledged.

Claims 1-4, 6-7, 9, 11, 12-15, and 16-18 stand rejected as being unpatentable over prior admitted art and Kroeger (5,523,726).

Claims 1, 9, 15, and 16 have been rewritten to include limitations similar to claims 5 and 19 in that a predetermined sampling frequency f_s is used for the downconverter with an aperture time of $1/A * f_s$, where A is a constant related to the A/D converters. Applicants now believe claims 1, 9, 15, and 16 allowable. Applicants therefore respectfully request the Examiner to allow the application and pass the claims to issue forthwith.

In light of the above amendments and remarks, Applicants submit that all objections and rejections are now overcome. The application is now in condition for allowance and expeditious notice thereof is earnestly solicited. Should the Examiner have any questions or comments which would place the application in better condition for allowance, he is respectfully requested to call the undersigned attorney.

Respectfully submitted,



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